BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

me of Work: Improvements & Construction of RCC drain & CC road in Bhuvaneshwari nagara 5th, 4th, 3rd, & 2nd cross in Dasarahalli Ward No 15

015-19-000006			Est. Cost Rs			75.00	Tender	
Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB M200-Dismtling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonary, cement concrete, wood work,steel work, including T&P and scaffolding wheresver necessary, sorting the dismanlet material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specification Lime/Cement concrete 1. By Manual Means C. Prestressed /Reinforced cement concrete Grade M-20 & above (P-139, It 18.19) PWD SR 2018-19								
CC Road	Cum	1	555.00	4.50	0.15	374.63		
-do-		1	90.00	4.50	0.15	60.75		
Basic Rate	1589.00					435.38	1684.34	733335.00
Add Area Weightage 6%	95.34							
Total	1684.34							
KSRRB 200 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.143/I.19.1 PW, P & IWTD -SR 2018-19)								
CC Road	Cum	1	555.00	4.50	0.15	374.63		
Side drain		2	555.00	0.60	0.60	399.60		
-do-		1	90.00	4.50	0.15	60.75		
-do-		2	90.00	0.60	0.60	64.80		
Basic Rate	130.00					899.78	137.80	123989.00
Add Area Weightage 6%	7.80							
Total	137.80							
Removing Precast slab of drain and stacking with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWD SR 2018-19, Page No.27, Item No. 5.32)								
	Sqm	2	555.00	0.90		999.00		
		2	90.00	0.90		162.00		
Basic Rate	99.00					1161.00	104.94	121835.00
Add Area Weightage 6%	5.94							
Total	104.94							
Refixing precast slabs of drains and pointing in CM 1:3 etc complete Page No. 27/ Item No.5.33/ PWD SR 2018-19								
	Sqm	Qty Vide Item No 03				1161.00	111.30	129219.00
Basic Rate	105.00							
Add Area Weightage 6%	6.30							
Total	111.30							

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	RRB M2100-10. Providing and laying Plain cement concrete of mix M6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100 (P.222/I.27.18) PWD - SR 2018-19)								
		Cum	1	555.00	4.50	0.15	374.63		
			1	90.00	4.50	0.15	60.75		
	Basic Rate	5115.00					435.38	5421.90	2360560.00
	Add Area Weightage 6%	306.90							
	Total	5421.90							
6	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.								
	Missing Slabs	Sqm	1	301.00	0.90		270.90		
	Data Rates Approved by CE DZ enclosed						270.90	2208.00	598147.00
7	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 ReaffirmecF2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.43cum)								
		Cum	1	555.00	4.50	0.15	374.63		
			1	90.00	4.50	0.15	60.75		
	Basic Rate	4916.00					435.38	5210.96	2268722.00
	Add Area Weightage 6%	294.96							
	Total	5210.96							
	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 136 Item No. 17.1 PWD SR 2018-19								
		Cum	Qty Vide Item No. 1 & 2				1335.15	73.99	98785.00
	Loading and Unloading Charges	57.00							
	Lead 4 KMs 2x1.28x4	12.80							
		69.80							

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Agt Area Weightage 6%	4.19							
Total	73.99							
Kolpi Charge 4.5%						Sub Total		
GST charges 18%								
Miscellaneous and Unforeseen charges								
							Total	

Rupees Seventy Five Lakhs Only

CERTIFICATE:

1. The Work spot has been inspected and the work is found to be necessary
2. The Estimate is prepared as per the PW.P & IWTD -SR-2018-19
3. The Provision made in estimate are adequate and essential.
4. This area comes under BBMP limits.

Assistant Engineer
Ward No 15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P, Bangalore.

ಆಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಆಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
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